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(21) International Application Number: <b>PCT/US96/09122</b> (22) International Filing Date: <b>6 June 1996 (06.06.96)</b> (30) Priority Data: 08/487,032 7 June 1995 (07.06.95) US 08/630,405 1 April 1996 (01.04.96) US (60) Parent Applications or Grants (63) Related by Continuation US 08/487,032 (CIP) Filed on 7 June 1995 (07.06.95) US 08/561,469 (CIP) Filed on 17 November 1995 (17.11.95) US 08/630,405 (CIP) Filed on 1 April 1996 (01.04.96) (71) Applicant (for all designated States except US): <b>ASTRA AKTIEBOLAG [SE/SE]; S-151 85 Södertälje (SE).</b> (72) Inventors; and (75) Inventors/Applicants (for US only): <b>SMITH, Douglas [US/US]; 2 Mayflower Lane, Gloucester, MA 01930 (US). BERGLINDH, O., Thomas [SE/SE]; Ripvägen 5,</b>		(74) Agents: <b>MANDRAGOURAS, Amy, E. et al.; Lahive &amp; Cockfield, 60 State Street, Boston, MA 02109 (US).</b> (81) Designated States: <b>AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</b>  <b>Published</b> <i>With international search report.</i>	
(54) Title: <b>NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO HELICOBACTER PYLORI FOR DIAGNOSTICS AND THERAPEUTICS</b>			
(57) Abstract  Recombinant or substantially pure preparations of <i>H. pylori</i> polypeptides are described. The nucleic acids encoding the polypeptides also are described. The <i>H. pylori</i> polypeptides are useful for diagnostics and vaccine compositions.			

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